L3

hyperactivity

## L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS L1 STR

L2 8 S L1 SSS FULL

> FILE 'CAPLUS' ENTERED AT 14:14:31 ON 28 AUG 2009 3 S L2

L3 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN

Biomarker-optimized attention deficit-hyperactivity disorder (ADHD) treatment with selective norepinephrine reuptake inhibitors

2008:95116 CAPLUS Full-text ACCESSION NUMBER:

DOCUMENT NUMBER: 148:160156

TITLE: Biomarker-optimized attention deficit-

disorder (ADHD) treatment with selective

norepinephrine reuptake inhibitors

INVENTOR(S): Lawrence, Donald Gilbert PATENT ASSIGNEE(S):

Eli Lilly and Company, USA SOURCE: U.S. Pat. Appl. Publ., 8 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

US	20080020387	A1	20080124	US 2007-694099	
20070330	)				
PRIORIT	Y APPLN. INFO.:			US 2006-788008P	P
20060333	1				
INCL 435	006000; 43609400	0			
CC 1-:	11 (Pharmacology)				
Sec	ction cross-refer	ence(s)	: 14		
IT 716	520-89-8, Reboxet	ine 7	1620-89-8D,	Reboxetine, salts	82248-59-

PATENT NO. KIND DATE APPLICATION NO. DATE

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7,
    Atomoxetine hydrochloride 83015-26-3D, Atomoxetine, salts
    852236-82-9 852237-54-8 852237-54-8D.
    salts
    RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
     (Biological study); USES (Uses)
        (biomarker-optimized attention deficit-hyperactivity disorder
and
       neuropsychiatric disorder treatment with selective
norepinephrine
       reuptake inhibitors)
T.3
    ANSWER 2 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN
    Preparation of heterocyclic compounds as selective norepinephrine
TΙ
reuptake
     inhibitors for treating hot flashes, impulse control disorders and
    personality change due to a general medical condition
ACCESSION NUMBER:
                        2005:588645 CAPLUS Full-text
DOCUMENT NUMBER:
                        143:115550
TITLE:
                        Preparation of heterocyclic compounds as
selective
                        norepinephrine reuptake inhibitors for treating
hot
                        flashes, impulse control disorders and
personality
                        change due to a general medical condition
INVENTOR(S):
                        Allen, Albert John; Hemrick-Luecke, Susan;
Sumner,
                        Calvin Russell; Wallace, Owen Brendan
PATENT ASSIGNEE(S):
                        Eli Lilly and Company, USA
SOURCE:
                        PCT Int. Appl., 337 pp.
                        CODEN: PIXXD2
DOCUMENT TYPE:
                        Patent
LANGUAGE:
                        English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
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	PATENT	KIND		DATE			APPL	DATE								
	WO 2005060949				A2		20050707			WO 2						
2004	0041201 WO 2005060949				A3 20050909											
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    CA 2548304 A1 20050707 CA 2004-2548304
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    CN 1889940
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20041201
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                      T 20080715 AT 2004-811076
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                      Т3
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PRIORITY APPLN. INFO.:
                                       HS 2003-529428P
20031212
                                       WO 2004-US38221 W
20041201
L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN
TI Preparation of morpholine derivatives as norepinephrine reuptake
    inhibitors
ACCESSION NUMBER:
                     2005:451370 CAPLUS Full-text
DOCUMENT NUMBER:
                      142:482071
TITLE:
                      Preparation of morpholine derivatives as
                      norepinephrine reuptake inhibitors
INVENTOR(S):
                      Campbell, Gordon Iain; Cases-Thomas, Manuel
Javier:
                     Man, Teresa; Masters, John Joseph; Rudyk,
Helene
                      Catherine Eugenie; Walter, Magnus Wilhelm
PATENT ASSIGNEE(S):
                    Eli Lilly and Company, USA
SOURCE:
                      PCT Int. Appl., 133 pp.
                      CODEN: PIXXD2
DOCUMENT TYPE:
                      Patent
LANGUAGE:
                      English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
    PATENT NO.
                  KIND DATE APPLICATION NO. DATE
   WO 2005047272 A1 20050526 WO 2004-US32771
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20041028

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SY,		NO,	NΖ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	
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MX 20060509	2006	0052	26		A		2006	0720		MX 2	006-	5226					
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20040109										WO 2	004-	US32	771		W		
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L4 0 S L3 AND (PY<2003 OR AY<2003 OR PRY<2003)

E ALLEN ALBERT?/AU SET EXPAND CONTINUOUS

L5 12 S E1-E2

L6 8 S L5 AND (PY<2003 OR AY<2003 OR PRY<2003)

L6 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

TI Combination therapy for the treatment of neurological disorders

ACCESSION NUMBER: 2003:133010 CAPLUS Full-text

DOCUMENT NUMBER: 138:163575

TITLE: Combination therapy for the treatment of

neurological disorders

INVENTOR(S): Allen, Albert John; Michelson, David; Sauer,

John-Michael; Witcher, Jennifer Wright

PATENT ASSIGNEE(S): Eli Lilly and Company, USA SOURCE: PCT Int. Appl., 29 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	PATENT	KIND DATE					APPL		DATE							
2002	WO 2003	A1	A1		20030220		WO 2									
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LR,		GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	KΖ,	LC,	LK,
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NL,		CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	IE,	IT,	LU,	MC,
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2002			BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,
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		IE,	SI,	ьľ,	LV,	rl,	RO,	PIK,	CY,	AL,	ıĸ,	BG,	CZ,	LE,	SK	

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JP 2005501070 T 20050113 JP 2003-518502
20020726 <--
    US 20040176466 A1 20040909 US 2004-484646
20040122 <--
PRIORITY APPLN. INFO.:
                                         US 2001-310981P P
20010808 <---
                                         WO 2002-US21294
20020726 <--
IC ICM A61K031-135
     ICS A61K031-445
    1-11 (Pharmacology)
    Section cross-reference(s): 63
OS.CITING REF COUNT: 1
                             THERE ARE 1 CAPLUS RECORDS THAT CITE THIS
RECORD
                             (1 CITINGS)
REFERENCE COUNT: 2
                             THERE ARE 2 CITED REFERENCES AVAILABLE
FOR THIS
                            RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT
              E HEMRICK-LUECKE SUSAN?/AU
L7
           25 S E13-E14
1.8
            25 S L7 AND (PY<2003 OR AY<2003 OR PRY<2003)
            13 S L7 AND ?EPINEPHRINE?
T.9
T-10
            13 S L9 AND (PY<2003 OR AY<2003 OR PRY<2003)
L10 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN
    Inhibition of rat brain norepinephrine N-methyltransferase by
     2,3,4,5-tetrahydro-1h-indeno[1,2-c]pyridine hydrochloride (LY8713)
ACCESSION NUMBER:
                       1980:436920 CAPLUS Full-text
DOCUMENT NUMBER:
                       93:36920
ORIGINAL REFERENCE NO.: 93:5937a,5940a
TITLE:
                       Inhibition of rat brain norepinephrine
                        N-methyltransferase by
                        2,3,4,5-tetrahydro-1h-indeno[1,2-c]pyridine
                        hydrochloride (LY8713)
AUTHOR(S):
                       Fuller, Ray W.; Molloy, Bryan B.; Hemrick,
Süsan
                       K.; Perry, Kenneth W.
CORPORATE SOURCE:
                       Lilly Res. Lab., Eli Lilly Co., Indianapolis,
IN.
                       46206, USA
SOURCE:
                        Brain Research (1980), 190(1), 215-23
                       CODEN: BRREAP; ISSN: 0006-8993
DOCUMENT TYPE:
                        Journal
LANGUAGE:
                        English
CC
    1-4 (Pharmacodynamics)
ST
    porepinephrine methyltransferase brain pyridine deriv
ΙT
    Brain, composition
       (norepinsphrine methyltransferase of, tetrahydroindeopyridine
       hydrochloride inhibition of)
    74162-91-7
    RL: BIOL (Biological study)
       (norepinephrine methyltransferase inhibition by, in brain)
L10 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN
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Lowering of brain epineparine by inhibition of
     norepipephrine N-methyltransferase in rats
ACCESSION NUMBER:
                         1980:69495 CAPLUS Full-text
DOCUMENT NUMBER:
                         92:69495
ORIGINAL REFERENCE NO.: 92:11333a,11336a
TITLE:
                         Lowering of brain episephrine by inhibition
                         of norepinephrine N-methyltransferase in
                         rats
AUTHOR(S):
                         Fuller, Ray W.; Perry, Kenneth W.; Hemrick,
                         K.; Molloy, Bryan B.
CORPORATE SOURCE:
                         Lilly Res. Lab., Eli Lilly and Co.,
Indianapolis, IN,
                         46206, USA
SOURCE:
                         Catecholamines: Basic Clin. Front., Proc. Int.
                         Catecholamine Symp., 4th (1979), Meeting
                         Date 1978, Volume 1, 186-8. Editor(s): Usdin,
Earl:
                         Kopin, Irwin J.; Barchas, Jack. Pergamon:
Elmsford,
                         N.Y.
                         CODEN: 41YBAE
DOCUMENT TYPE:
                         Conference
LANGUAGE:
                         English
     1-5 (Pharmacodynamics)
ST
     brain epinephrine porepinephrine methyltransferase
ΙT
     Brain, composition
        (epinephrine of, norepinephrine methyltransferase
        inhibition effect on)
ΤТ
     9037-68-7
     RL: PROC (Process)
        (inhibition of, brain epinephrine decrease by)
     39226-94-3 67120-40-5 71274-94-7 71274-96-9 72561-45-6
     RL: BIOL (Biological study)
        (norepipephrine methyltransferase of brain inhibition by,
        brain epinephrine decrease by)
     51-43-4
     RL: BIOL (Biological study)
        (of brain, norepinephrine methyltransferase inhibition effect
L10 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN
     Inhibition in vitro of rabbit adrenal norepinephrine
     N-methyltransferase by 2,3,4,5-tetrahydro-1H-2-benzazepines
ACCESSION NUMBER:
                         1979:517162 CAPLUS Full-text
DOCUMENT NUMBER:
                         91:117162
ORIGINAL REFERENCE NO.: 91:18789a, 18792a
TITLE:
                         Inhibition in vitro of rabbit adrenal
                         norepinephrine N-methyltransferase by
                         2, 3, 4, 5-tetrahydro-1H-2-benzazepines
AUTHOR(S):
                         Fuller, Ray W.; Molloy, Bryan B.; Hemrick,
Susan
CORPORATE SOURCE:
                         Lilly Res. Lab., Eli Lilly and Co.,
Indianapolis, IN,
                         USA
SOURCE:
                         Biochemical Pharmacology (1979), 28(4),
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528-30

CODEN: BCPCA6; ISSN: 0006-2952

DOCUMENT TYPE: Journal LANGUAGE: English

CC

1-4 (Pharmacodynamics)

Section cross-reference(s): 7

ST adrenal norepinephrine methyltransferase tetrahydrobenzazepine ΤТ

Adrenal gland, composition

(norepinephrine methyltransferase of, tetrahydrobenzazepine inhibition of, kinetics of)

Kinetics, enzymic

(of inhibition, of corepinephrine methyltransferase, by

tetrahydrobenzazepine) 7216-22-0 40584-16-5 69739-48-6 69739-58-8 71274-94-7

71274-95-8

71274-96-9 71274-97-0

RL: BIOL (Biological study)

(norepinephrine methyltransferase inhibition by, of adrenal gland, kinetics of)

OS.CITING REF COUNT: THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD

(6 CITINGS)

L10 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN

Inhibition of rat brain norepinephrine N-methyltransferase by 7,8-dichloro-2,3,4,5-tetrahydro-1H-2-benzazepine

ACCESSION NUMBER: 1979:97387 CAPLUS Full-text.

DOCUMENT NUMBER: 90:97387

ORIGINAL REFERENCE NO.: 90:15281a,15284a

TITLE: Inhibition of rat brain norepinephrine

N-methyltransferase by

7,8-dichloro-2,3,4,5-tetrahydro-1H-2-

Fuller, Ray W.: Perry, Kenneth W.: Remrick,

benzazepine AUTHOR(S):

Susan

CORPORATE SOURCE: Lilly Res. Lab., Eli Lilly and Co., Indianapolis, IN,

IISA

SOURCE: Brain Research (1978), 158(1), 240-4

CODEN: BRREAP; ISSN: 0006-8993

DOCUMENT TYPE: Journal LANGUAGE: English

CC 1-4 (Pharmacodynamics)

ST brain norepinephrine methyltransferase benzazepine deriv

тт Brain, composition

(norepinephrine methyltransferase of, benzazepine derivative inhibition of)

69239-59-4

RL: BIOL (Biological study)

(brain norepineshrine methyltransferase inhibition by)

E SUMNER CALVIN?/AU

5 S E25-E26

0 S L11 AND (PY<2003 OR AY<2003 OR PRY<2003) E WALLACE OWEN? / AIL

L13 25 S E37-E38

L14 0 S L13 AND ?EPINEPTHINE? L15 1 S L13 AND ?EPINEPHRINE?

L15 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN

TI Preparation of heterocyclic compounds as selective nor\*spicephrine reuptake inhibitors for treating hot flashes, impulse control disorders

and personality change due to a general medical condition

ACCESSION NUMBER: 2005:588645 CAPLUS Full-text

DOCUMENT NUMBER: 143:115550

TITLE: Preparation of heterocyclic compounds as

selective

norepinephrine reuptake inhibitors for

treating hot flashes, impulse control disorders

and

personality change due to a general medical

condition INVENTOR(S):

INVENTOR(S): Allen, Albert John; Hemrick-Luecke, Susan;

Sumner,

Calvin Russell; Wallace, Owen Brendan

Eli Lilly and Company, USA PCT Int. Appl., 337 pp.

PATENT ASSIGNEE(S): SOURCE:

CODEN: PIXXD2
DOCUMENT TYPE: Patent

LANGUAGE: English FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	PATENT NO.						D	DATE		- 1	APPL	DATE					
2004	- WO 2005060949							20050707		WO 2004-US38221							
2001		2005	0609	49		A3		2005	0050909								
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LC,																	
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PT,																	
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ML,	CA	2548		NE,	SN,	TD,		2005	0707		CA 2	004-	2548	304			

20041201 EP 1729754 A2 20061213 EP 2004-811076 20041201 EP 1729754 B1 20080702 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, TE. IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR CN 1889940 A 20070103 CN 2004-80036841 20041201 JP 2007513945 T 20070531 JP 2006-543830 20041201 T 20080715 AT 2004-811076 AT 399557 20041201 ES 2307071 T3 20081116 ES 2004-811076 20041201 US 20070015786 A1 20070118 US 2006-581015 20060530 KR 2006121178 A 20061128 KR 2006-711571 20060612 PRIORITY APPLN. INFO.: US 2003-529428P 20031212 W WO 2004-US38221 20041201

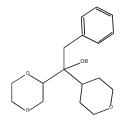
L1 STRUCTURE UPLOADED
L2 18 S L1 SSS FULL

STR

## L1 STRUCTURE UPLOADED

=> d 11 L1 HAS NO ANSWERS

L1



FILE 'CAPLUS' ENTERED AT 11:41:04 ON 02 SEP 2009 L3 3 S L2

L2 18 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN

IN 2-Morpholinemethanol, α-([1,1'-bipheny1]-2-ylmethy1)-α-(tetrahydro-2H-pyran-4-y1)- MF C23 H29 N O3 CI COM

L2 18 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN

IN 2-Morpholinemethanol,  $\alpha$ -(tetrahydro-2H-pyran-4-yl)- $\alpha$ -[[2-

(trifluoromethoxy)phenyl]methyl]-

MF C18 H24 F3 N O4

CI COM

L4 0 S L3 AND (PY<2003 OR AY<2003 OR PRY<2003) L5 2 S L3 AND (PY<2004 OR AY<2004 OR PRY<2004)

L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN

TI Preparation of heterocyclic compounds as selective norepinephrine reuptake

inhibitors for treating hot flashes, impulse control disorders and personality change due to a general medical condition

ACCESSION NUMBER: 2005:588645 CAPLUS Full-text

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selective

norepinephrine reuptake inhibitors for treating

flashes, impulse control disorders and

personality

change due to a general medical condition
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hot

Calvin Russell; Wallace, Owen Brendan

PATENT ASSIGNEE(S): Eli Lilly and Company, USA SOURCE: PCT Int. Appl., 337 pp.

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